

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004293.D
 Acq On : 29 Dec 2018 10:17
 Operator : JU/SJ
 Sample : J6432-01
 Misc : GCMS Confirmation
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T3

Manual Integrations
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Sohil
 1/2/2019 3:42:04 PM

Quant Time: Dec 30 23:28:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 03:12:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	31287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	149717	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	95960	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	216527	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	234210	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	215521	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Qvalue	
28) Naphthalene	10.66	128	10363	1.290	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	6279	1.038	ng/ul	97
49) Acenaphthene	14.52	153	11422	1.657	ng/ul	99
53) Dibenzofuran	14.86	168	20757	2.121	ng/ul	99
58) Fluorene	15.51	166	27392	3.362	ng/ul	98
69) Phenanthrene	17.25	178	364475	29.133	ng/ul	100
71) Anthracene	17.34	178	46693	3.641	ng/ul	99
76) Fluoranthene	19.27	202	604030	39.390	ng/ul	100
79) Pyrene	19.63	202	273305	20.888	ng/ul	98
82) Benzo(a)anthracene	21.38	228	191439	13.108	ng/ul	99
84) Chrysene	21.43	228	187065	13.675	ng/ul	99
87) Benzo(b)fluoranthene	23.01	252	128538	9.956	ng/ul#	97
88) Benzo(k)fluoranthene	23.06	252	50390m	4.168	ng/ul	
90) Benzo(a)pyrene	23.61	252	13402	1.078	ng/ul#	77
91) Indeno(1,2,3-cd)pyrene	26.08	276	17789	1.098	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

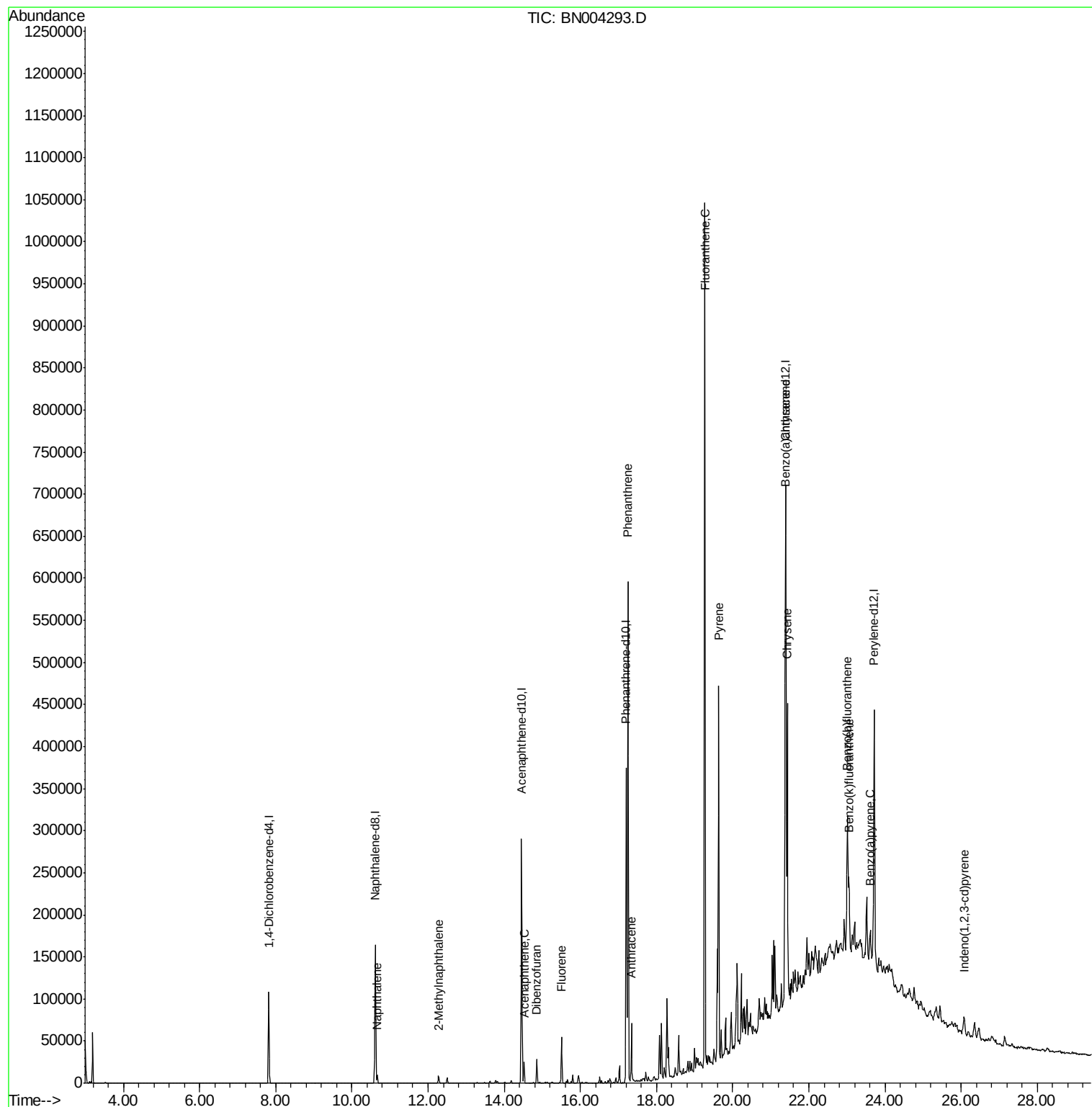
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004293.D
Acq On : 29 Dec 2018 10:17
Operator : JU/SJ
Sample : J6432-01
Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

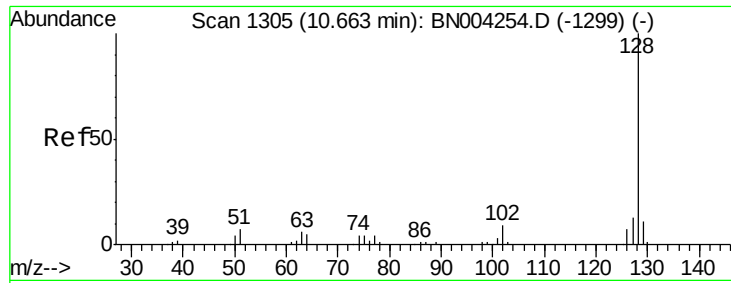
Instrument :
BNA_N
ClientSampleId :
A41T3

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Quant Time: Dec 30 23:28:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





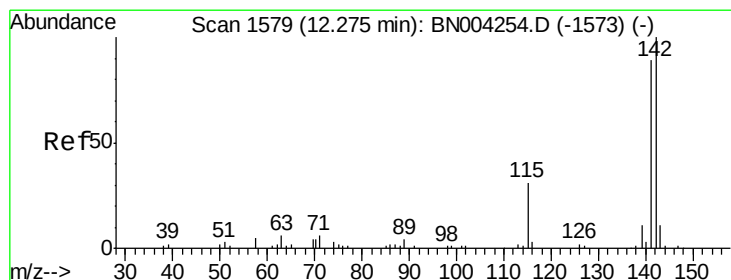
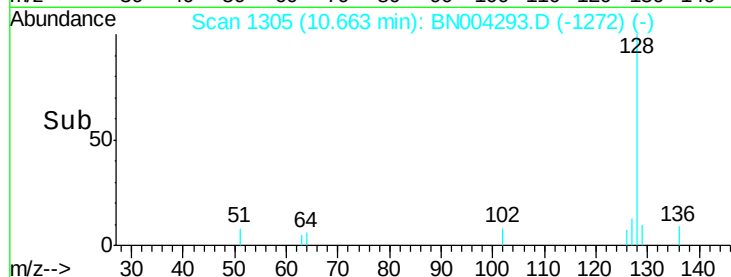
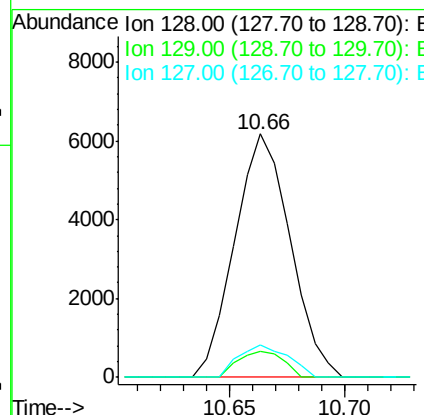
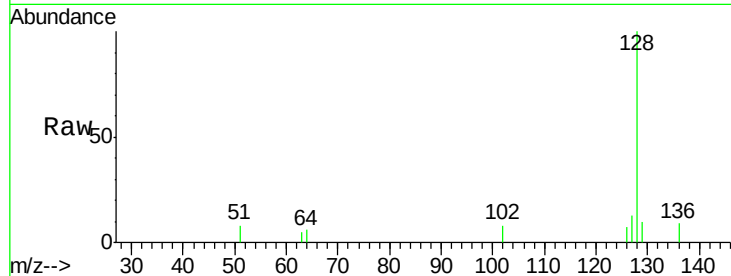
#28
Naphthalene
Concen: 1.290 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.1	10.6	16.0

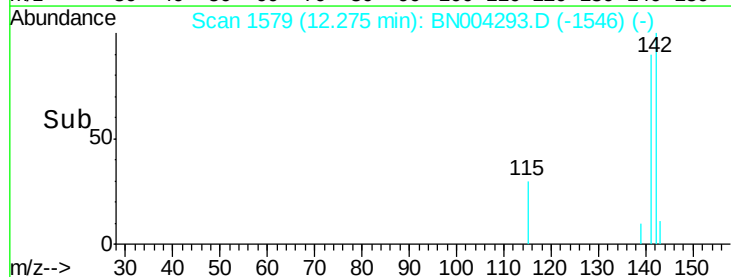
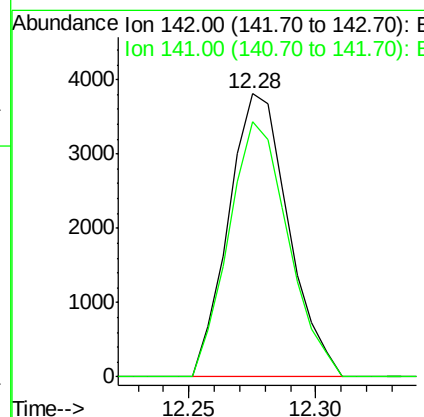
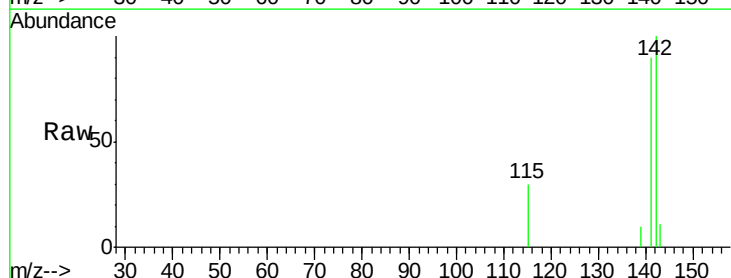
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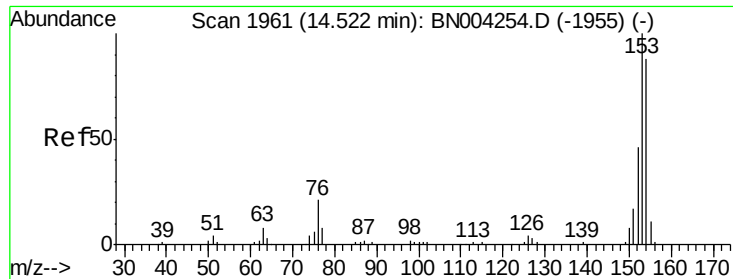
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#34
2-Methylnaphthalene
Concen: 1.038 ng/ul
RT: 12.28 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.2	105.2





#49

Acenaphthene

Concen: 1.657 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BN004293.D

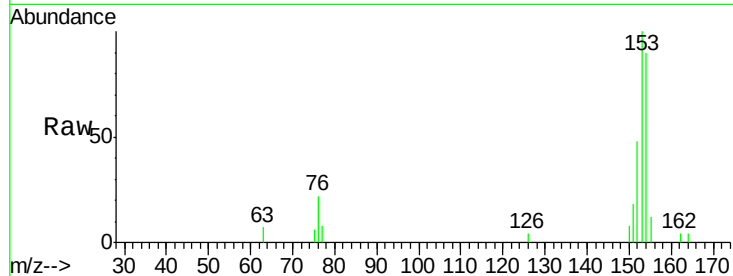
Acq: 29 Dec 2018 10:17

Instrument :

BNA_N

ClientSampled :

A41T3



Tgt Ion:153 Resp: 11422

Ion Ratio Lower Upper

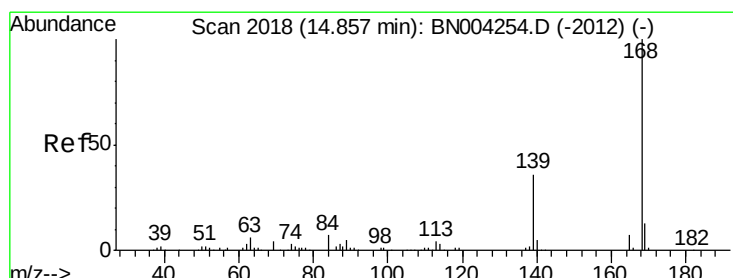
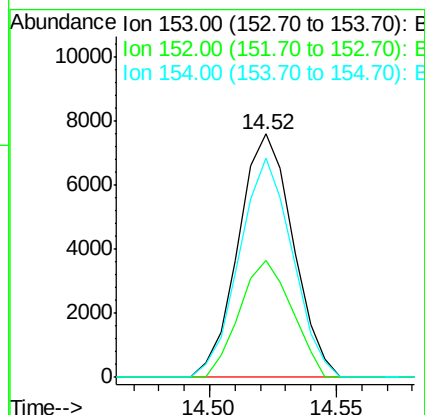
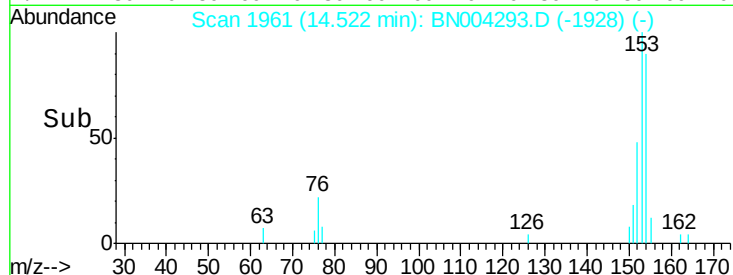
153 100

152 48.0 37.8 56.6

154 89.9 71.0 106.6

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#53

Dibenzofuran

Concen: 2.121 ng/ul

RT: 14.86 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BN004293.D

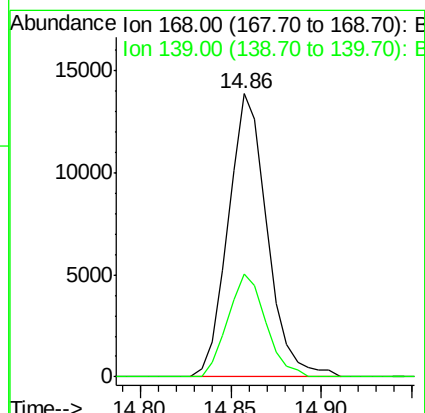
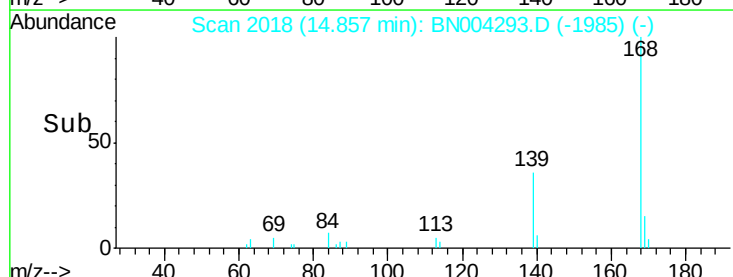
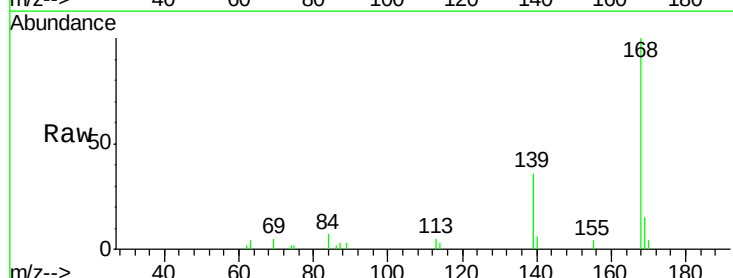
Acq: 29 Dec 2018 10:17

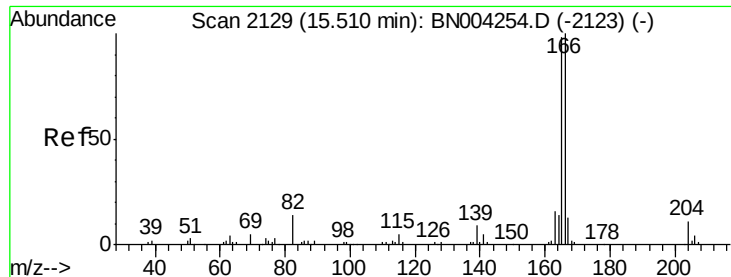
Tgt Ion:168 Resp: 20757

Ion Ratio Lower Upper

168 100

139 36.5 28.8 43.2





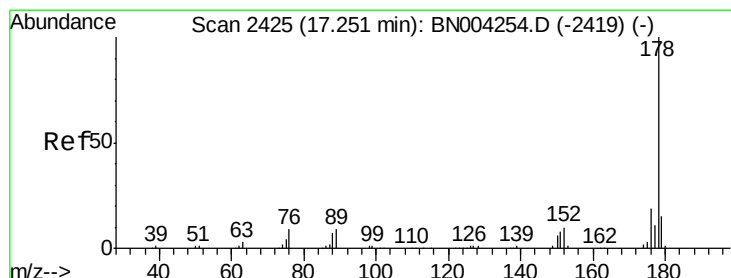
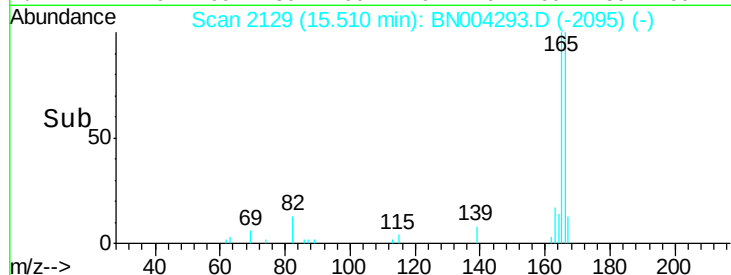
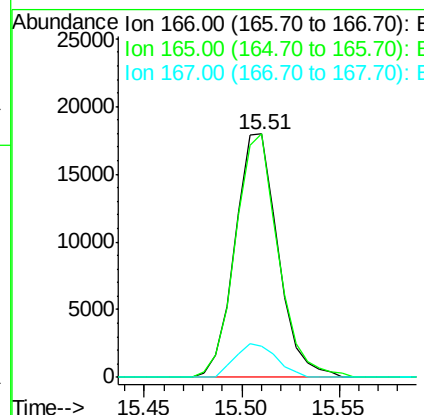
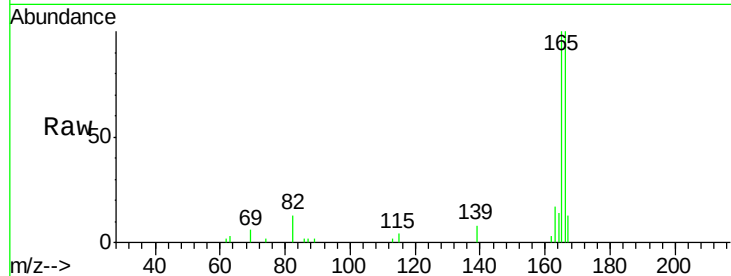
#58
 Fluorene
 Concen: 3.362 ng/ul
 RT: 15.51 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BN004293.D
 Acq: 29 Dec 2018 10:17

Instrument :
 BNA_N
 ClientSampleId :
 A41T3

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.6	117.8
167	13.0	10.3	15.5

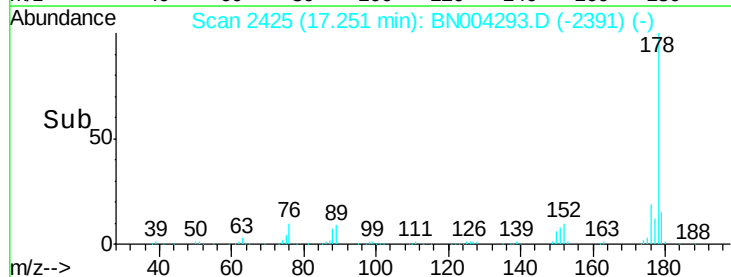
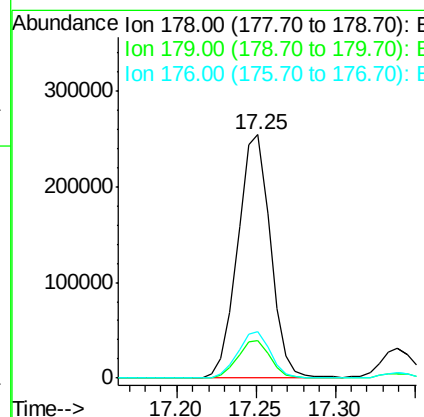
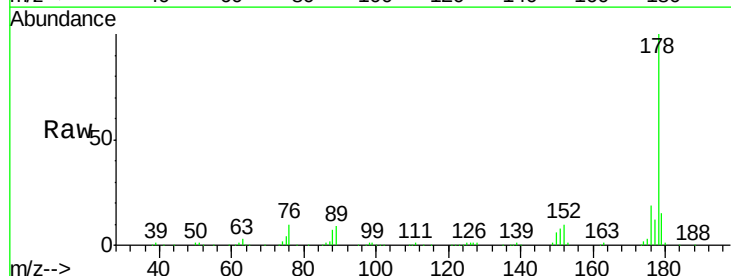
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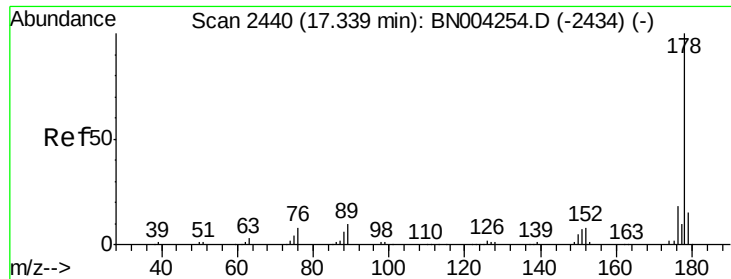
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#69
 Phenanthrene
 Concen: 29.133 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BN004293.D
 Acq: 29 Dec 2018 10:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.0	15.0	22.6





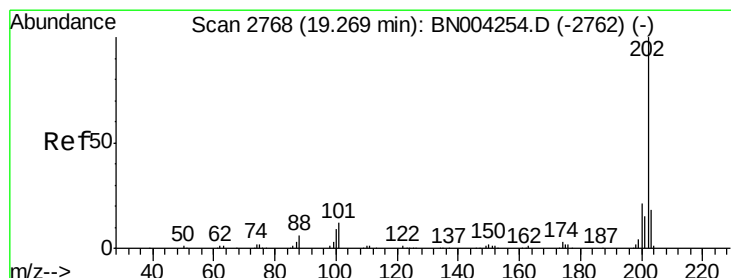
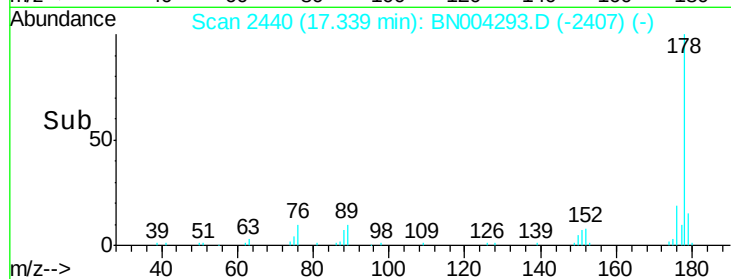
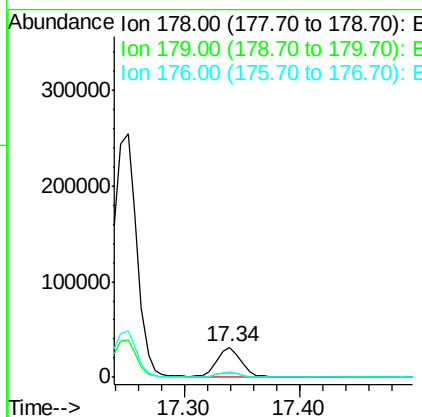
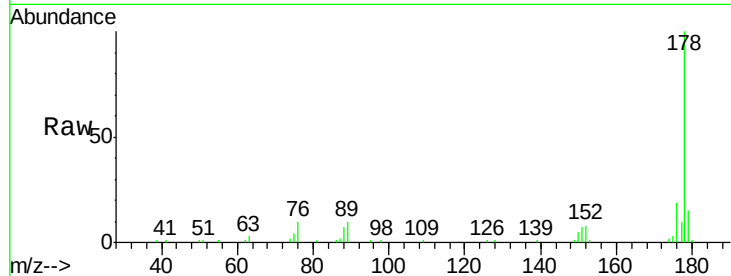
#71
 Anthracene
 Concen: 3.641 ng/ul
 RT: 17.34 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BN004293.D
 Acq: 29 Dec 2018 10:17

Instrument :
 BNA_N
 ClientSampleId :
 A41T3

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	46693		
179	15.4	12.1	18.1	
176	18.8	15.2	22.8	

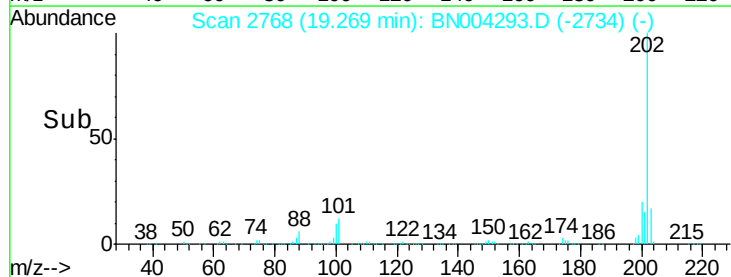
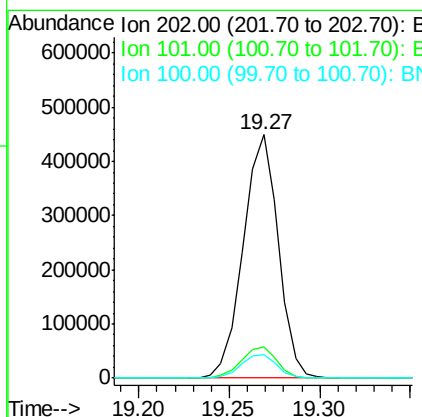
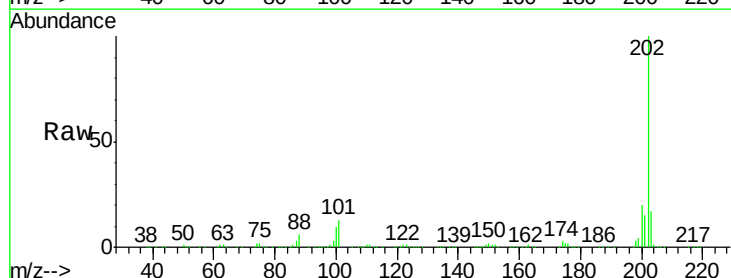
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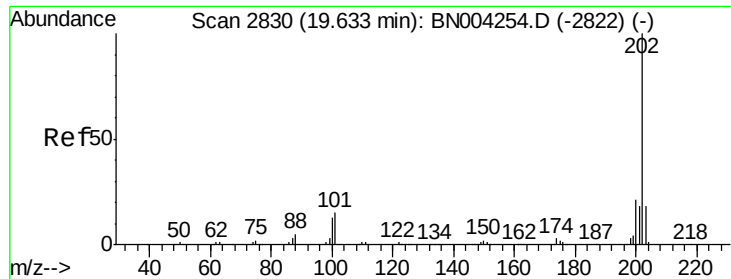
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#76
 Fluoranthene
 Concen: 39.390 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. 0.00 min
 Lab File: BN004293.D
 Acq: 29 Dec 2018 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	604030		
101	12.6	10.2	15.2	
100	9.6	7.8	11.8	





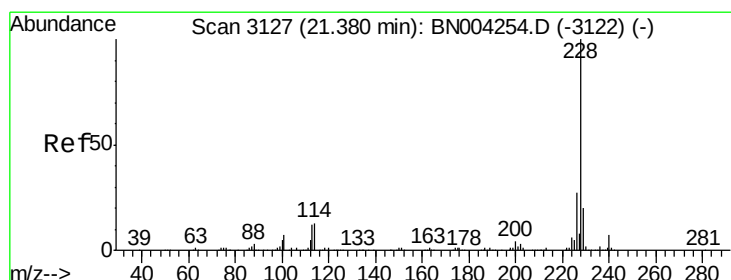
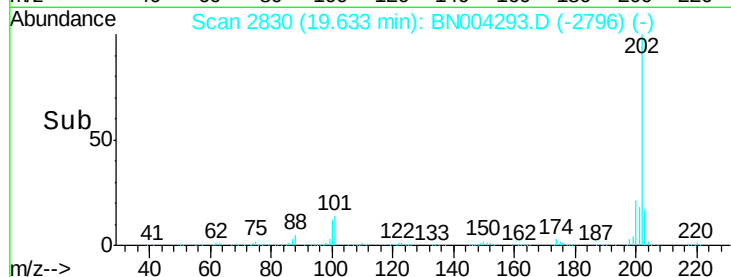
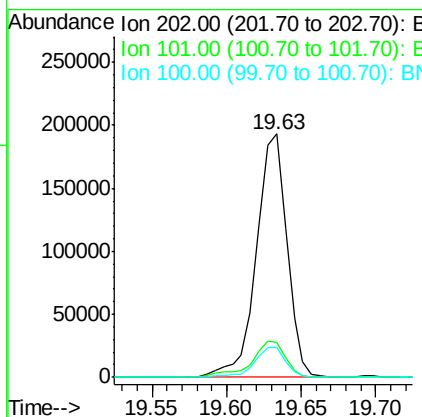
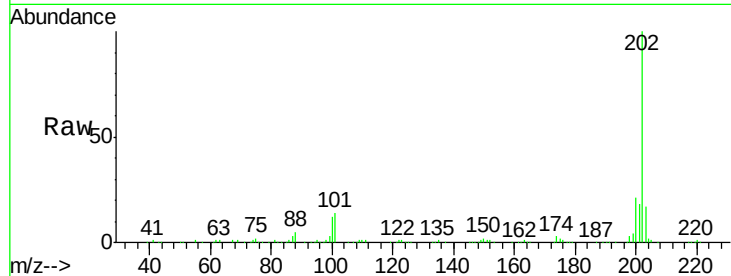
#79
 Pyrene
 Concen: 20.888 ng/ul
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BN004293.D
 Acq: 29 Dec 2018 10:17

Instrument :
 BNA_N
 ClientSampled :
 A41T3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	273305		
101	14.2	12.2	18.2	
100	12.1	9.9	14.9	

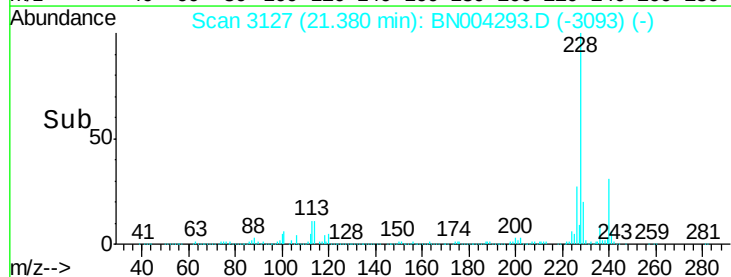
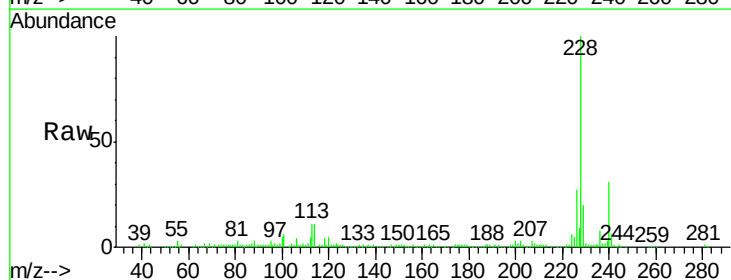
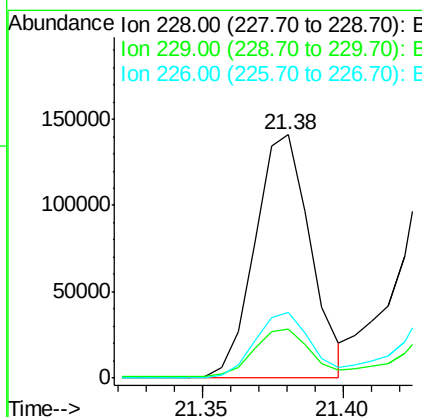
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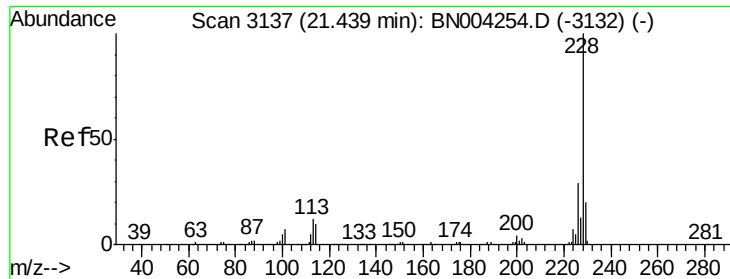
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#82
 Benzo(a)anthracene
 Concen: 13.108 ng/ul
 RT: 21.38 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BN004293.D
 Acq: 29 Dec 2018 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	191439		
229	20.3	15.9	23.9	
226	27.2	21.4	32.2	





#84

Chrysene

Concen: 13.675 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BN004293.D

Acq: 29 Dec 2018 10:17

Instrument :

BNA_N

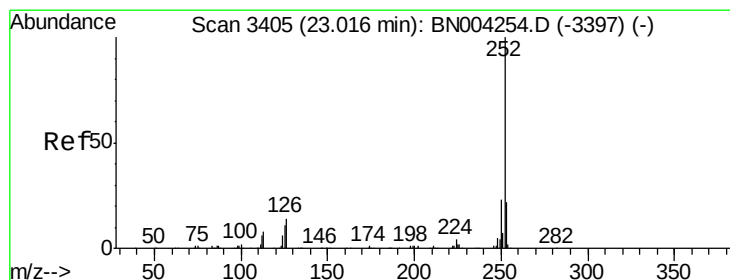
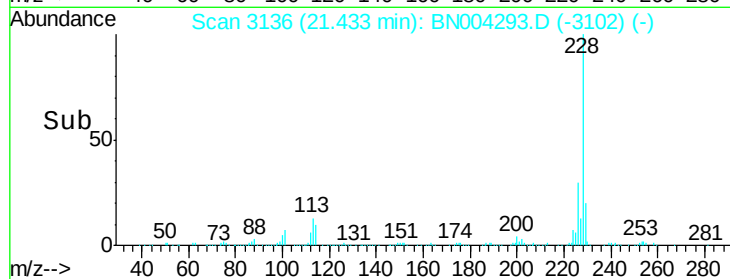
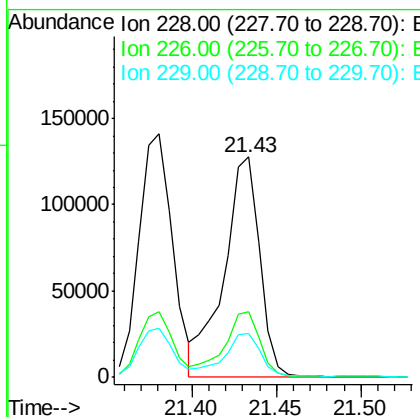
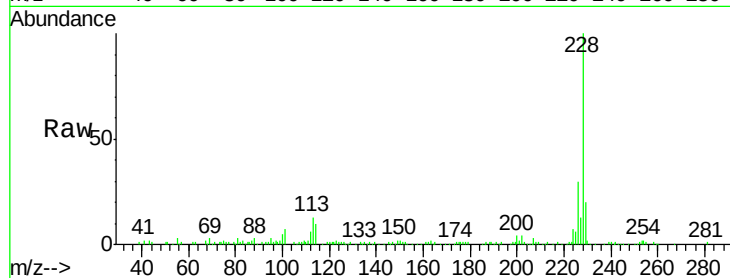
ClientSampled :

A41T3

Tgt Ion:	228	Resp:	187065
Ion Ratio		Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.1	15.8	23.6

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#87

Benzo(b)fluoranthene

Concen: 9.956 ng/ul

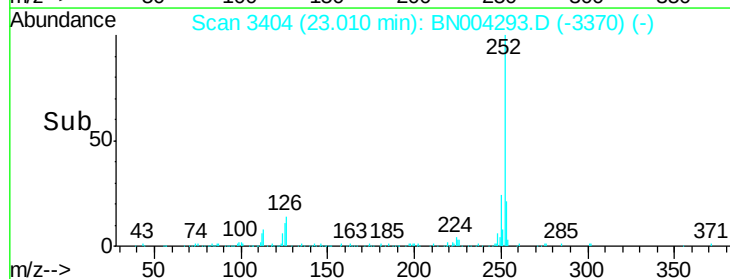
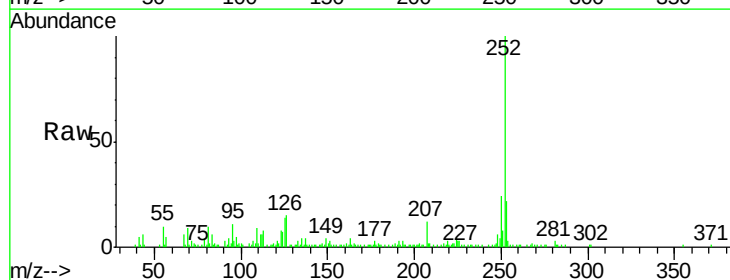
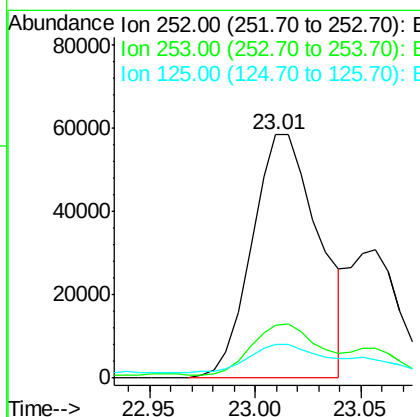
RT: 23.01 min Scan# 3404

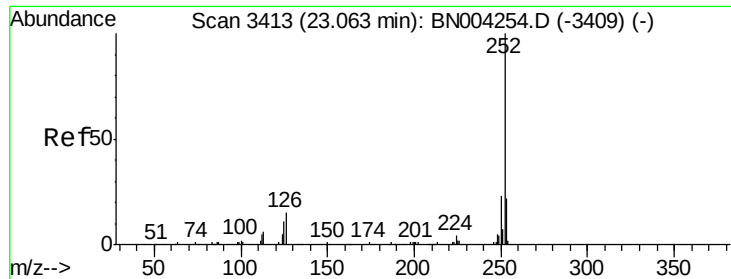
Delta R.T. 0.00 min

Lab File: BN004293.D

Acq: 29 Dec 2018 10:17

Tgt Ion:	252	Resp:	128538
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.3	25.9
125	13.7	8.2	12.4#





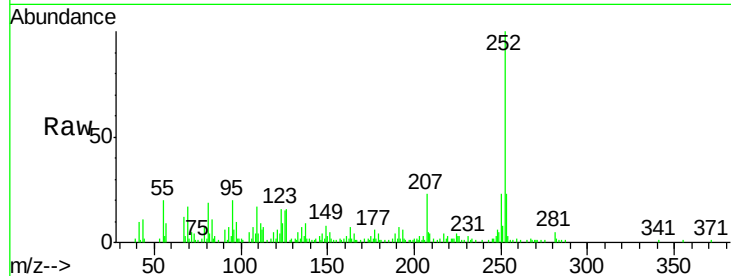
#88
Benzo(k)fluoranthene
Concen: 4.168 ng/ul m
RT: 23.06 min Scan# 3412
Delta R.T. 0.00 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Instrument :
BNA_N
ClientSampleId :
A41T3

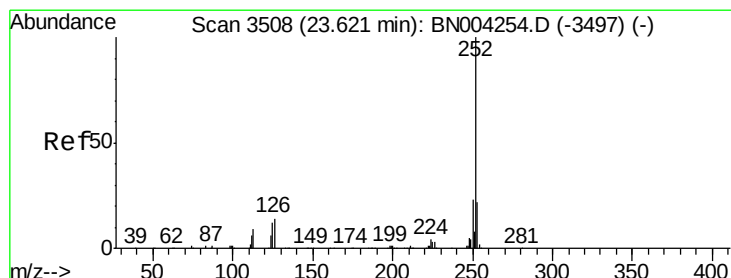
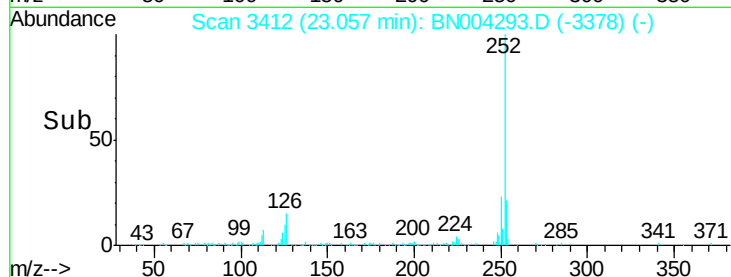
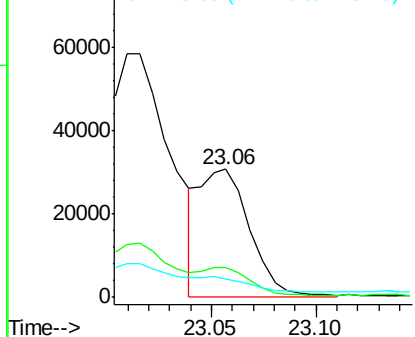
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	14.6	7.9	11.9

Manual Integrations
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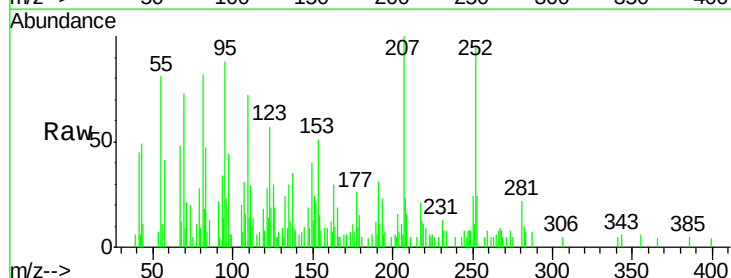


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

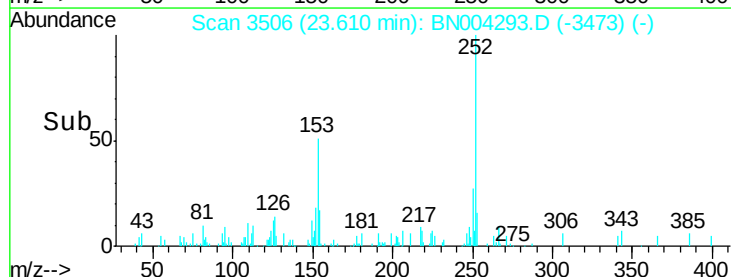
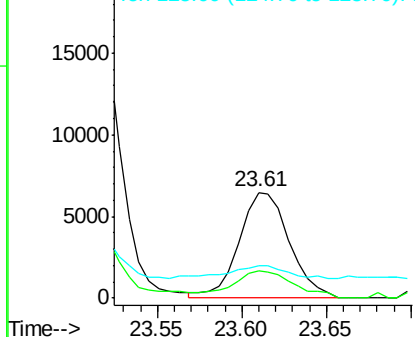


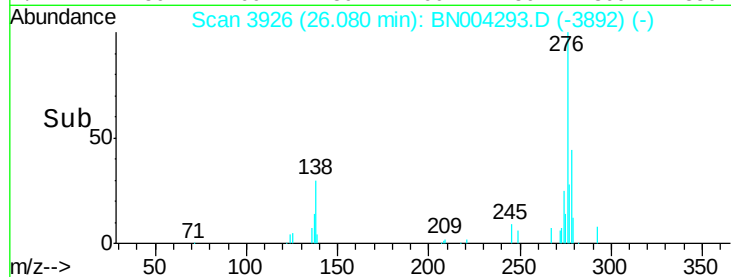
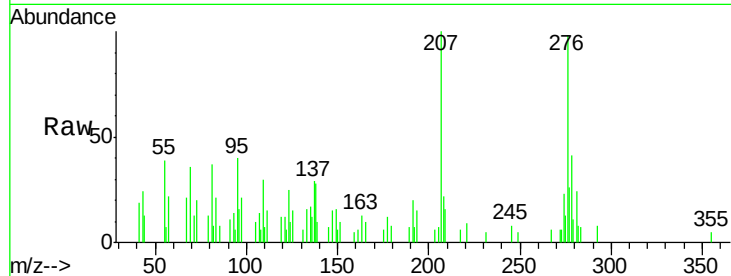
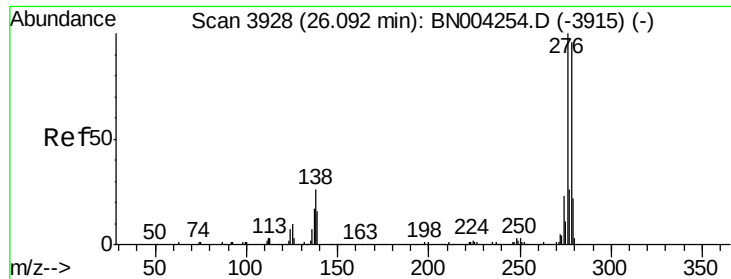
#90
Benzo(a)pyrene
Concen: 1.078 ng/ul
RT: 23.61 min Scan# 3506
Delta R.T. -0.01 min
Lab File: BN004293.D
Acq: 29 Dec 2018 10:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	30.9	9.1	13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.098 ng/ul

RT: 26.08 min Scan# 3926

Delta R.T. 0.00 min

Lab File: BN004293.D

Acq: 29 Dec 2018 10:17

Tgt Ion:	276	Resp:	17789
Ion Ratio	Lower	Upper	
276	100		
138	28.5	20.4	30.6
277	26.5	20.6	30.8

Instrument :

BNA_N

ClientSampleId :

A41T3

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:04 PM

